

Title (en)  
ACTIVE OPTICAL CABLES

Title (de)  
AKTIVE OPTISCHE KABEL

Title (fr)  
CÂBLES OPTIQUES ACTIFS

Publication  
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Application  
**EP 22746542 A 20220126**

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Abstract (en)  
[origin: WO2022164926A1] In one embodiment, an opto-electronic assembly includes a housing having a cavity and an opto-electronic module disposed at least partially in the cavity of the housing. The housing is configured to support an electrical connection at a first end of the housing and support an optical connection at a second end of the housing. The opto-electronic module includes an opto-electronic transceiver, an electrical interface to provide an electrical connection to the opto-electronic module via the first end of the housing, a ferrule, and a lens, wherein the ferrule and the lens are to provide an optical connection to the opto-electronic module via the second end of the housing. The housing, the opto-electronic module, the opto-electronic transceiver, the electrical interface, and the ferrule have a magnetic permeability that is less than 1.0 B/H, where B is magnetic flux density and H is magnetic flux.

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